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PATENT & TRADEMARK OFFICE

INVENTOR: SATOSHI NISHIKAWA ET AL.
TITLE: PRINTING CONTROL SYSTEM FOR SEPARATION PRINTING
DOCKET NO.: 00862.003177
APPLN. NO.: 09/470,204; FILED: December 22, 1999
SHEET NO.: 1 of 7

FIG. 1

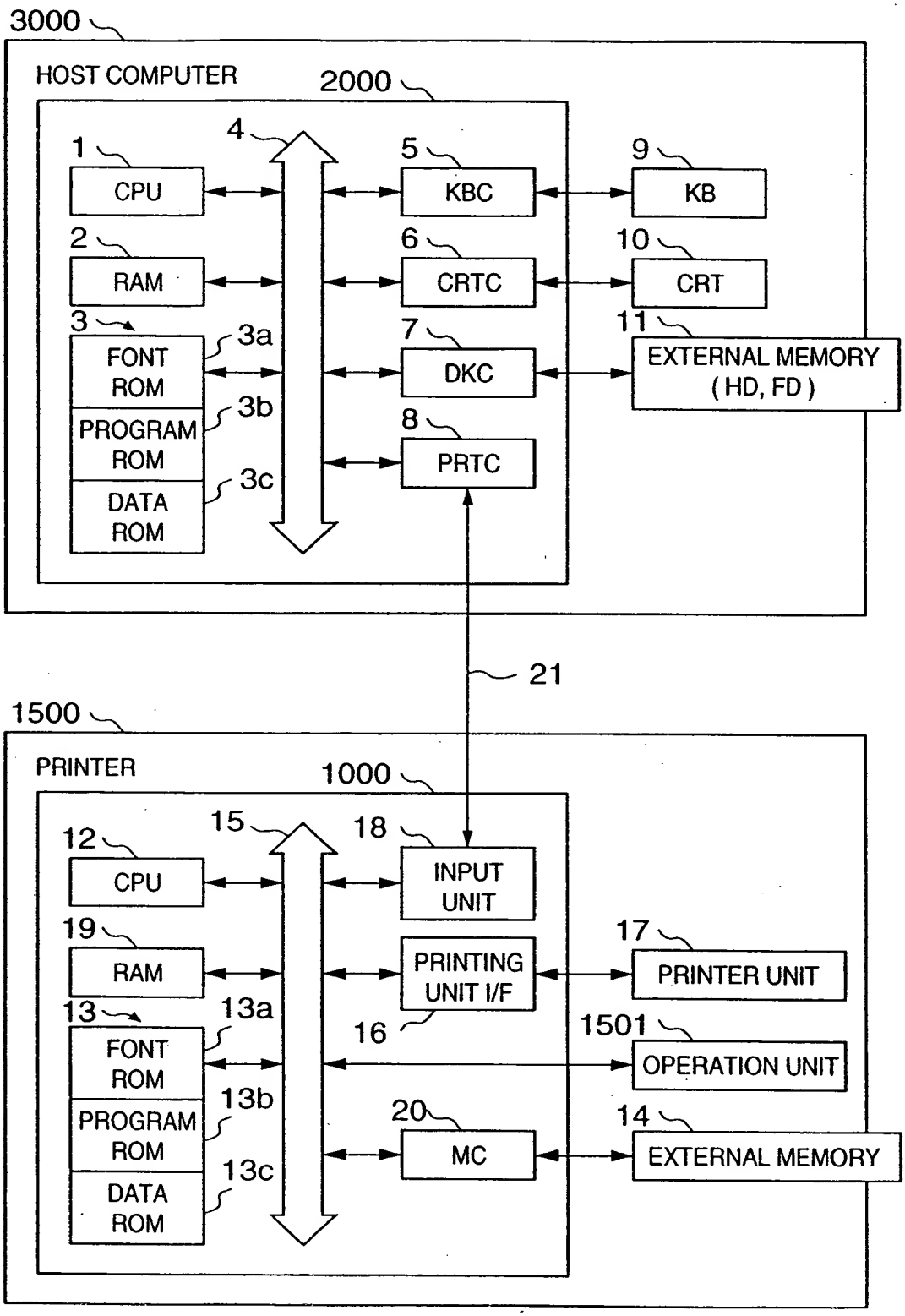

FIG. 2

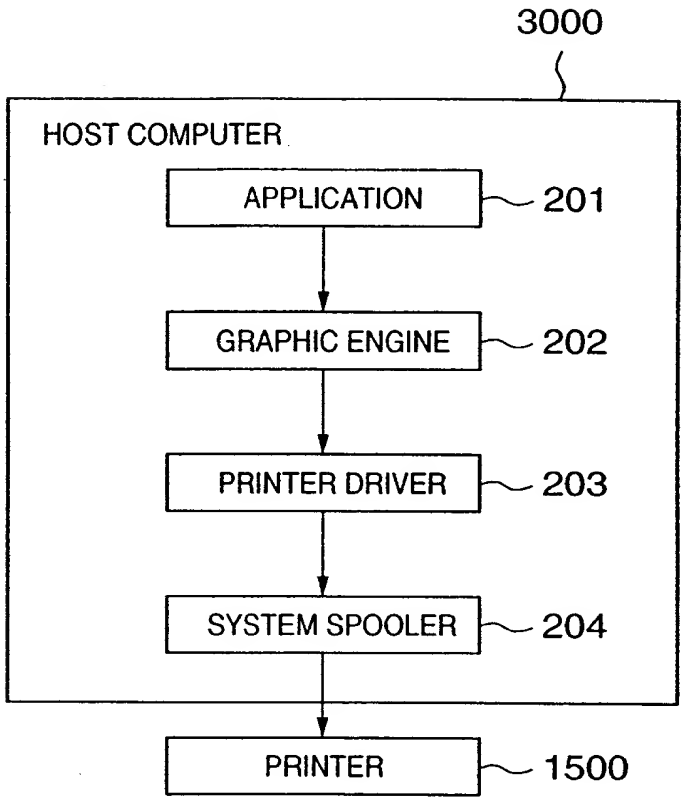
3000
HOST COMPUTER
APPLICATION
201
GRAPHIC ENGINE
202
PRINTER DRIVER
203
SYSTEM SPOOLER
204
PRINTER
1500

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FIG. 3

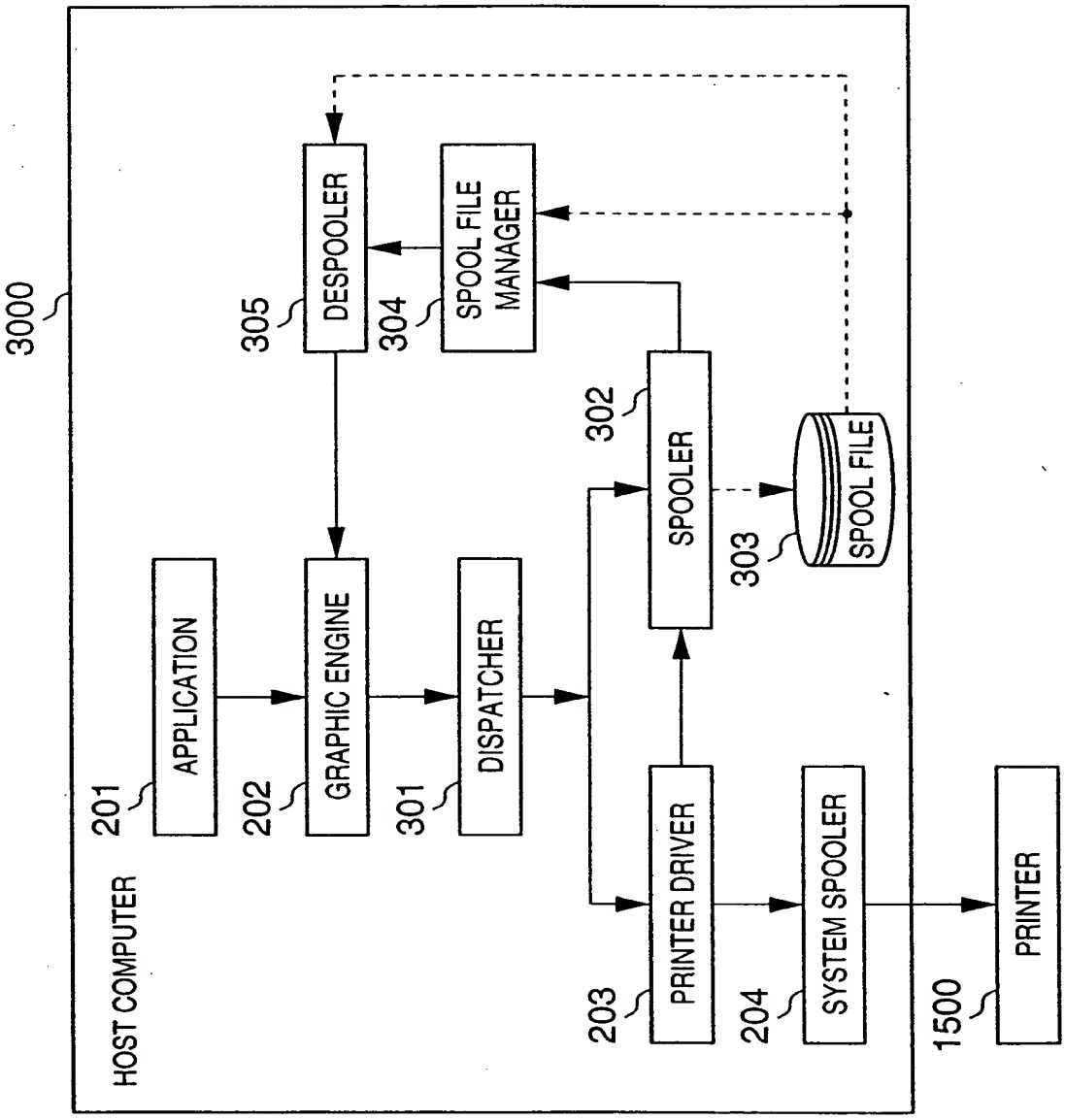

FIG. 4

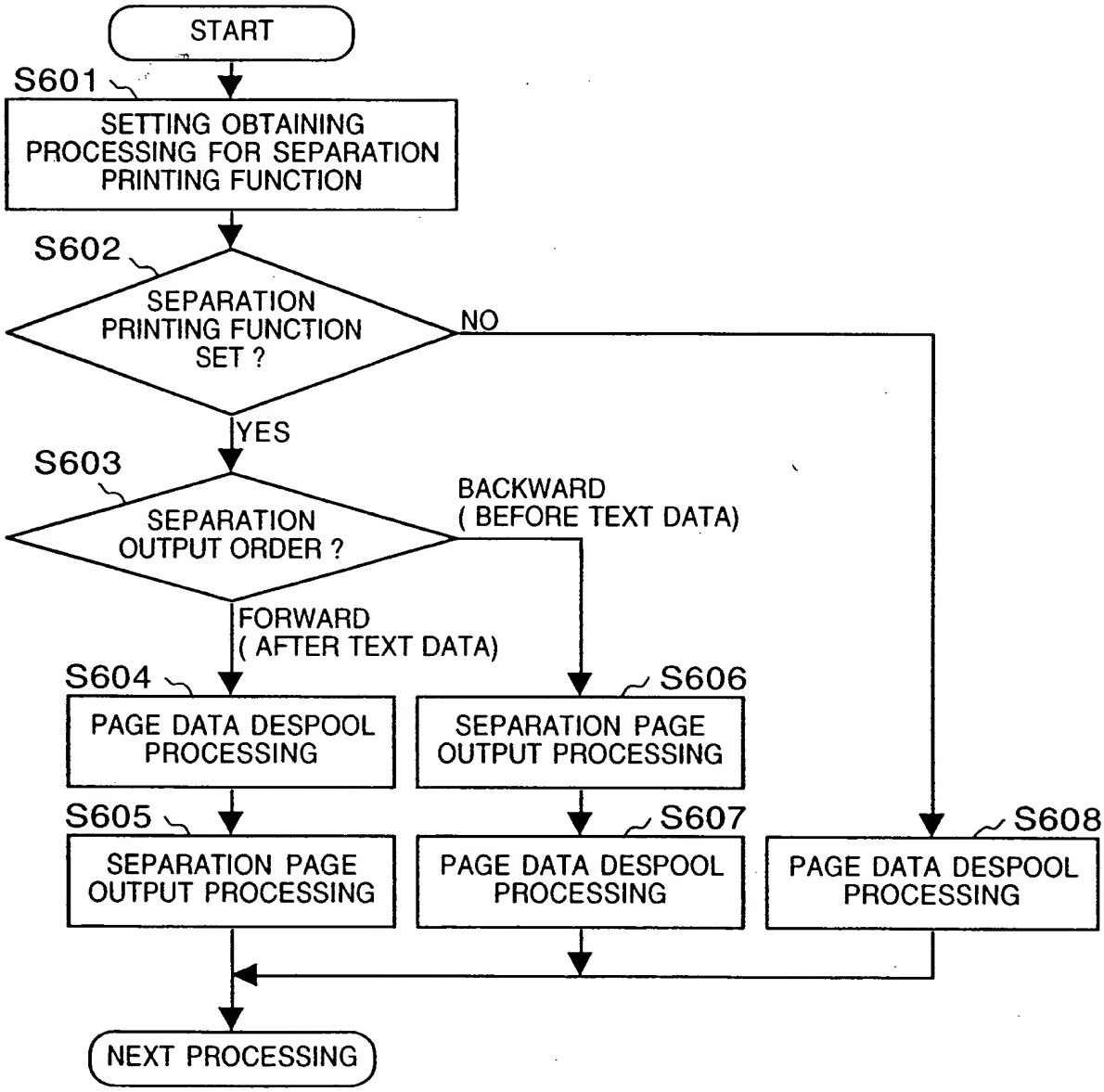
START
S601
SETTING OBTAINING PROCESSING FOR SEPARATION PRINTING FUNCTION
S602
SEPARATION PRINTING FUNCTION SET ?
NO
YES
S603
SEPARATION OUTPUT ORDER ?
BACKWARD (BEFORE TEXT DATA)
FORWARD (AFTER TEXT DATA)
S604
PAGE DATA DESPOOL PROCESSING
S606
SEPARATION PAGE OUTPUT PROCESSING
S605
SEPARATION PAGE OUTPUT PROCESSING
S607
PAGE DATA DESPOOL PROCESSING
S608
PAGE DATA DESPOOL PROCESSING
NEXT PROCESSING

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FIG. 5

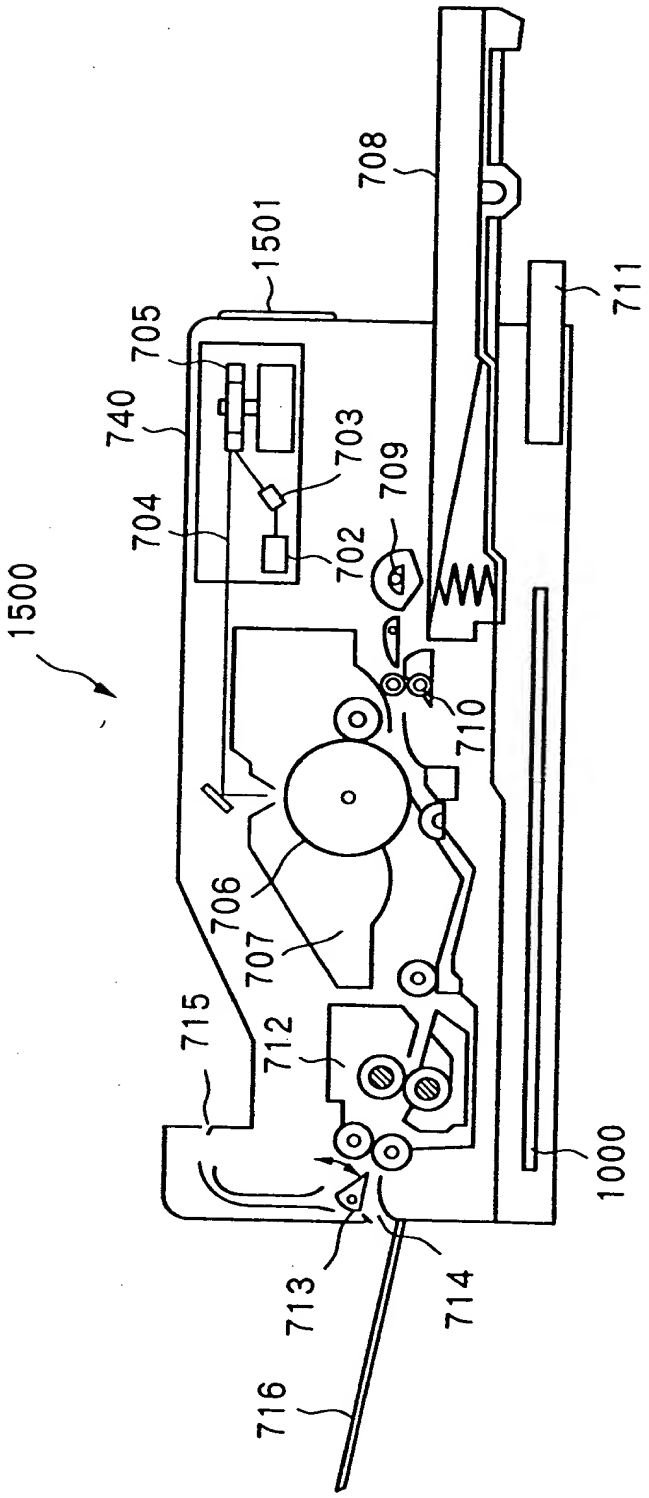
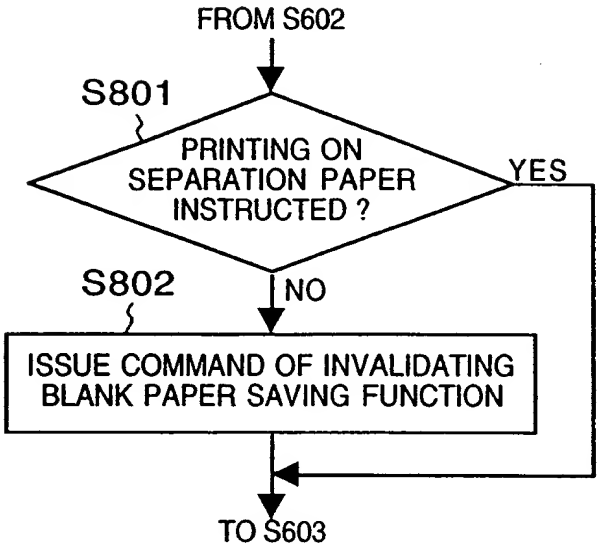


FIG. 6


FROM S602
S801
PRINTING ON SEPARATION PAPER INSTRUCTED ?
YES
S802
NO
ISSUE COMMAND OF INVALIDATING BLANK PAPER SAVING FUNCTION
TO S603

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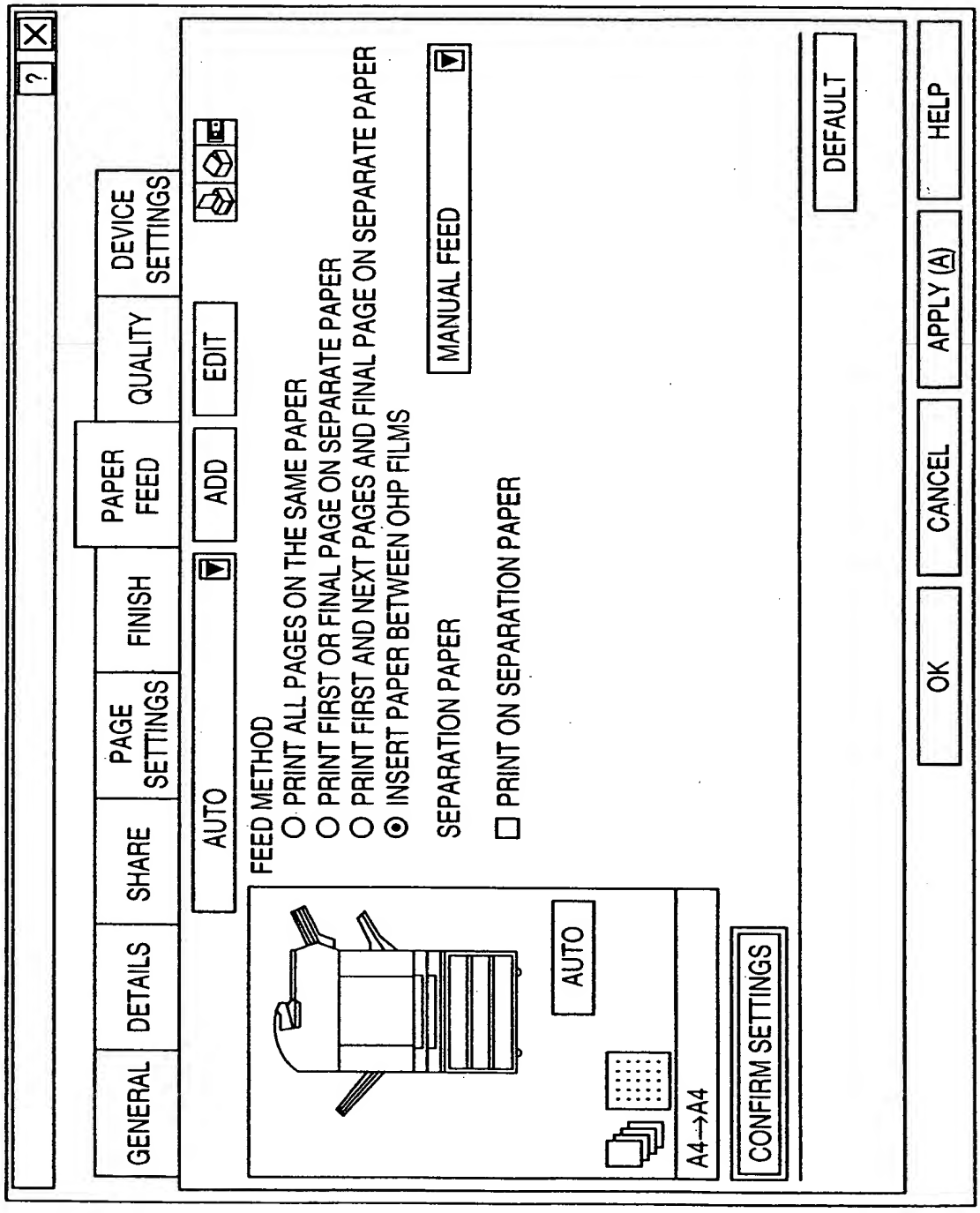
FIG. 7